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244890

98-32-SE-REG

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

Applicant: SANDERSON et al.

Appl. No.: 09/436,440

Filing Date: November 9, 1999

Date: August 23, 2000

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Examiner: Not Assigned

Group Art Unit: 4732 1711

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
RS	AR	4,806,613	02/1989	Wardle	528	59	
RS	BR	5,210,153	05/1993	Manser, et al.	525	410	
RS	CR	4,393,199	07/1983	Manser	528	408	
	DR						
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FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract	Translation Readily Available
							Enclosed No	Enclose No
RS	OR	0 353 961	02/1990	Europe	Biddle, et al.			
RS	PR	2 307 688 A	06/1997	Great Britain	Wardle, et al.			
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Examiner *Edmund J. Bryant*

Date Considered: 12/9/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Applicant: SANDERSON et al.

Appln. No.: 09/436,440

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Date: February 4, 2000

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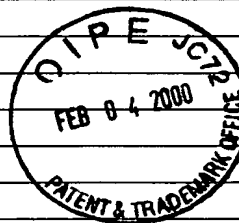
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Examiner: Not Assigned

Group Art Unit: 4732 17/1

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
RA	AR	3,838,108	09/1974	HERGENROTHER et al.	528	73	
RA	BR	4,120,850	10/1978	PECHHOLD	528	66	
RA	CR	4,201,852	05/1980	DIETERICH	528	67	
RA	DR	4,361,526	11/1982	ALLEN	264	3C	
RA	ER	4,393,199	07/1983	MANSER	528	408	
RA	FR	4,483,978	11/1984	MANSER	528	408	
RA	GR	4,530,990	07/1985	HALPAAP et al.	528	53	
RA	HR	4,623,709	11/1986	BAURIEDEL	528	65	
RA	IR	4,806,613	02/1989	WARDLE	528	59	
RA	JR	4,820,859	04/1989	MILLAR et al.	558	483	
RA	KR	4,919,737	04/1990	BIDDLE et al.	149	92	
RA	LR	4,938,814	07/1990	SCHOYER H. F. R. et al.	149	36	
RA	MR	4,950,341	08/1990	SCHOYER et al.	149	22	
RA	NR	4,960,849	10/1990	OKABE et al.	528	76	



FOREIGN PATENT DOCUMENTS

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Examiner *Rabon Sargent*

Date Considered: 12/9/00

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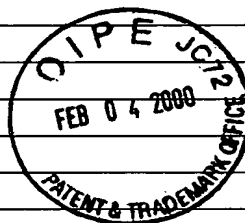
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Examiner: Not Assigned

Group Art Unit: ~~4732~~ 1711

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
RS	AR 4,976,794	12/1990	BIDDLE et al.	149	92	
RS	BR 4,985,584	01/1991	MILLAR et al.	558	483	
RS	CR 5,013,811	05/1991	ROSS	528	60	
RS	DR 5,173,538	12/1992	GILCH et al.	525	130	
RS	ER 5,313,000	05/1994	STEWART	568	613	
RS	FR 5,380,777	01/1995	WILLER et al.	524	186	
RS	GR 5,415,974	05/1995	KOTAYAMA et al.	430	201	
RS	HR 5,430,122	07/1995	DRYSDALE	528	55	
RS	IR 5,441,993	08/1995	MARETTI	521	174	
RS	JR 5,498,303	03/1996	HINSHAW et al.	149	19.6	
RS	KR 5,516,854	05/1996	WARDLE et al.	525	410	
RS	LR 5,517,857	05/1996	HOBBS	73	571	
RS	MR 5,563,206	10/1996	EICKEN et al.	524	590	
RS	NR 5,574,104	11/1996	KOLYCHECK et al.	525	130	



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Examiner *John J. Gant*

Date Considered: 12/9/00

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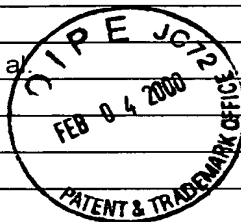
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Examiner: Not Assigned

Group Art Unit: ~~4732~~ 1711

U.S. PATENT DOCUMENTS

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RS	AR	5,587,553	12/1996	BRAITHWAITE et al.	149	19.6	
RS	BR	5,674,951	10/1997	HARGIS et al.	525	410	
RS	CR	5,677,412	10/1997	DRYSDALE	528	55	
RS	DR	5,741,998	04/1998	HINSHAW et al.	149	19.6	
RS	ER	5,747,603	05/1998	HINSHAW et al.	525	403	
RS	FR	5,747,628	05/1998	SCHMALSTIEG et al.	528	60	
RS	GR	5,756,636	05/1998	SLACK et al.	528	59	
RS	HR	5,145,974	09/1992	PAUL et al.	549	510	
RS	IR	5,520,826	05/1996	REED, Jr. et al.	252	5	
RS	JR	H717	12/1989	STEPHENS et al.	149	19.2	
RS	KR	2,293,868	08/1942	TOUSSAINT	549	377	
RS	LR	2,327,053	08/1943	MARPLE et al.	568	669	
RS	MR	2,380,185	07/1945	MARPLE et al.	568	678	
RS	NR	2,723,294	11/1955	BENOIT, Jr.	568	606	



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Examiner *Rabon Sargent*

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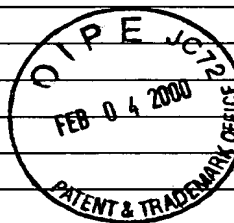
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Examiner: Not Assigned

Group Art Unit: ~~4732~~ (711)

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
RS	AR	3,042,666	07/1962	GENTLES	536	120	
RS	BR	3,324,108	06/1967	MOLLER et al.	536	120	
RS	CR	3,359,217	12/1967	BRANDNER	521	159	
RS	DR	3,417,034	12/1968	HOY	568	665	
RS	ER	3,954,884	05/1976	KIDWELL	568	620	
RS	FR	4,112,231	09/1978	WEIBULL et al.	544	174	
RS	GR	4,282,387	08/1981	OLSTOWSKI et al.	568	618	
RS	HR	4,359,589	11/1982	BROWNSCOMBE	568	618	
RS	IR	4,405,497	09/1983	YOUNG et al.	252	431R	
RS	JR	4,477,589	10/1984	van der HULST et al.	502	169	
RS	KR	4,481,123	11/1984	HENTSCHEL et al.	252	52R	
RS	LR	4,707,540	11/1987	MANSEER et al.	528	417	
RS	MR	4,879,419	11/1989	JOHANNESSEN	568	606	
RS	NR	4,988,797	01/1991	WARDLE et al.	528	408	



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Examiner *Rabon Leganto*

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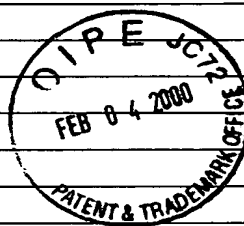
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Examiner: Not Assigned

Group Art Unit: ~~1732~~ 1711

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
RA	AR	5,210,153	05/1993	MANSEY et al.	525	410	
RA	BR	5,210,179	05/1993	STEWART	528	408	
RA	CR	5,214,110	05/1993	AHAD	525	403	
RA	DR	5124,463	06/1992	AMPLEMAN	552	11	
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FOREIGN PATENT DOCUMENTS

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Examiner

Robert J. Bryant

Date Considered:

12/9/00

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